

**CONSOL ENERGY™**

Emery Mine
P.O. Box 527
Emery, Utah 84522
Phone: (435) 286-2301
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July 9, 2002

Priscilla Burton, Soils Reclamation Specialist
Department of Natural Resources
Division of Oil, Gas and Mining
1594 West North Temple
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Topsoil Management Plan for Consolidation Coal Company's Emery Mine at the
4th East Portals.

Dear Mrs. Burton:

As per conversations with you and the Division, please find the proposed plan for managing the topsoil pile at the new 4th East Portal Site. The plan follows guidelines as set forth in the publication "*Practical Guide to Reclamation in Utah*", Emery Mine Permit ACT 015/015 and your recommendations.

I have contracted Mr. Bill Lee of Skyline Reclamation to perform hydro seeding of the topsoil pile. He will be at the mine on Wednesday July 10th to seed, mulch and tachify the topsoil pile. You are more than welcome to visit during the hydro seeding. The seed was purchased from Granite Seed Company in Lehi with the mixture as specified in Chapter VIII.C.3 of the Emery Mine Permit. I will send a copy of the tag from the seed bag to you.

If you have any questions or concerns, please feel free to contact me at (435) 286 - 3512 or (435) 820-0399.

Sincerely,

Seth McCourt**RECEIVED**

JUL 12 2002

**DIVISION OF
OIL, GAS AND MINING**

Topsoil Management Plan – Emery Mine

1. Topsoil pile roughened or gouged?

Topsoil pile was gouged with a track hoe forming small basins. The basins are in a random pattern approximately 1-½ feet in depth on approximately 5-foot centers.

2. How will the topsoil pile be watered and how often?

Until the water tank is relocated to the 4th East Portal Site, the topsoil pile will be water with a hose from a water truck every other week. After the water is relocated and water established, a sprinkling system will be installed on top of the pile and watered for the first season.

3. Mulching

The topsoil pile will be mulched with virgin wood fiber at 2,000 pounds/acre.

4. Seed

Seed mixture is as stated in the MRP in Chapter VIII.C.3. and contains:

Russian Wild Rye	3.0 lbs/acre
Highcrest Crested Wheatgrass	8.0 lbs./acre
Fourwing Saltbrush	2.0 lbs./acre

I will provide you with a copy of the tag.

5. Tachifier

Topsoil pile will have a Guar Gum tachifier applied at 80-lbs/ acre

6. Broadcast or raked in?

Seed, mulch and tachifier will be broadcast over the topsoil pile.

7. Topsoil estimate

Approximately 12,958 yd³ as measured.

FROM:
Granite Seed Company 1697 W. 2100 N.
Lehi, UT 84043

MIX #: 38942

EMERY MIX

% PURE		DORM OR	ORIGIN
53.00 CRESTED WHEATGRASS		GERM + HARD	CAN
24.61 FOURRING SALTBUG		HYCREST 86.00 + 0.00 -	
18.86 RUSSIAN WILDRYE		HIGH ELEV. 47.00 + 0.00 -	TZ NM
		SWIFT 92.00 + 0.00 -	CAN

0.00 Other Crop
2.71 Inert Matter
0.02 Weed Seed
NET WEIGHT: 25.94 LBS. BULK
19.50 LBS. PLS

Date Tested: 08/29/2001
Restricted Weeds: None
% Hard Seed: 0.00

GUARANTEE: Granite Seed guarantees its seed to be of promised quality and true to name as specified. Should seed prove to be other than labeled, liability shall be limited to replacement or refund of purchase price.

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